

IN THE CLAIMS:

Please cancel claims 1-20 without prejudice to or disclaimer of the subject matter recited therein.

Please add new claims 21-32 as follows:

LISTING OF CURRENT CLAIMS

Claims 1-20. (Canceled)

21. (New) A flat plug structure comprising:

- a) a flat housing having a space located in a bottom surface thereof;
- b) a power cable protruding from the housing and having first and second conductive wires;
- 5 c) a fuse removable inserted into the space;
- d) a first conductive plate protruding from the bottom surface of the flat housing perpendicular to the fuse and having a first containing slot containing and fixing the first conductive wire of the power cable;
- 10 e) a second conductive plate protruding from the bottom surface of the flat housing perpendicular to the fuse and having a second containing slot containing and fixing a first end of the fuse, the first conductive plate is parallel to the second conductive plate, the first conductive plate and the second conductive plate are spaced apart a predetermined distance;
- 15 f) a fuse seat located in the space and having:
 - i) a third containing slot containing and fixing a second end of the fuse; and
 - ii) a fourth containing slot containing and fixing the second conductive wire of the power cable; and
- 20 g) a bottom plate made of an insulative material and selectively covering the space and the fuse seat in the bottom surface of the housing.

22. (New) The flat plug structure according to claim 21, wherein the flat housing, the first conductive plate, and the second conductive plate are made by a molding method.

23. (New) The flat plug structure according to claim 21, wherein the first containing slot is located between the first conductive plate and a first side wall spaced apart from the first conductive plate and connected thereto by a first bottom wall, the first containing slot having a predetermined width for selectively accommodating the fuse.

24. (New) The flat plug structure according to claim 21, wherein the second containing slot is located between the second conductive plate and a second side wall spaced apart from the first conductive plate and connected thereto by a second bottom wall, the second containing slot having a predetermined width for selectively accommodating the fuse.

25. (New) The flat plug structure according to claim 21, wherein the first containing slot, the second containing slot, and the third containing slot have equal widths.

26. (New) The flat plug structure according to claim 21, wherein the third containing slot is connected to the fourth containing slot and has a U-shaped cross-section, the fourth containing slot includes a first clip and a second clip connected to the second conductive wire of the power cable.

27. (New) The flat plug structure according to claim 21, wherein the flat housing has a square shape.

28. (New) The flat plug structure according to claim 21, wherein the a power cable protrudes from the housing parallel to the fuse.

29. (New) The flat plug structure according to claim 21, wherein the a power cable protrudes from the housing at a 45 degree angle relative to the fuse.

30. (New) The flat plug structure according to claim 21, wherein the second conductive plate has a cross section having a long side and a short side, the space is located adjacent to and parallel with the long side.

31. (New) The flat plug structure according to claim 21, wherein the second conductive plate has a cross section having a long side and a short side, the space is located adjacent to the short side and parallel with the long side.

32. (New) The flat plug structure according to claim 21, further comprising a ground conductive terminal protruding from the bottom surface of the flat housing.